


*p l a n n i n g*



*Featuring articles from:*

Tom Gibson and G. Alexander Taft ♦ Dennis K. Ruth  
Erica Shingara ♦ George R. Hess

*S U M M E R 2 0 0 1*



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# Carolina Planning

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## From the Editors:

This season's *Carolina Planning* covers a variety of themes, including issues of sprawl and smart growth, participatory architecture, and management of water resources and natural areas. We begin with a piece by Tom Gibson and G. Alexander Taft on connections between brownfield redevelopment and transportation planning. Including transit nodes as part of brownfield development, the authors argue, can be an important component of smart growth policy.

Next, we hear from Professor D.K. Ruth of the Rural Studio program at Auburn University, Alabama. This innovative program, whose founder was recently recognized with a MacArthur fellowship, teaches architecture students to work with low-income families in designing environmentally sensitive homes in one of the poorest regions of the United States.

The third piece, on defining sprawl, was written by a group of students at North Carolina State University under the guidance of Professor George Hess. The article is a product of a course taught by Hess in the spring of 2001, *Measuring Suburban Sprawl*. In the piece, the authors present different approaches to measuring sprawl, and apply their criteria to mid-Atlantic urbanized regions in measuring the correlation between their indices and the effects of sprawl.

Finally, we hear from Erica Shingara, a 2001 graduate of the University of North Carolina's Department of City and Regional Planning. Shingara spent the spring of 2001 in the Netherlands, conducting comparative research on approaches to water and natural management there and in this country, looking specifically at the Chesapeake Bay. This article is an edited version of her masters project. For a copy of the complete paper, which includes additional figures and analysis of the Netherlands water and natural resources management, please see:

<http://www.unc.edu/depts/carplan>

## Editors

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## Cover Image:

*The Harris House, part of the Auburn University Rural Housing Studio, which provides low-income families with housing assistance.*

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